

1

2

3

4

5

6

A

B

C

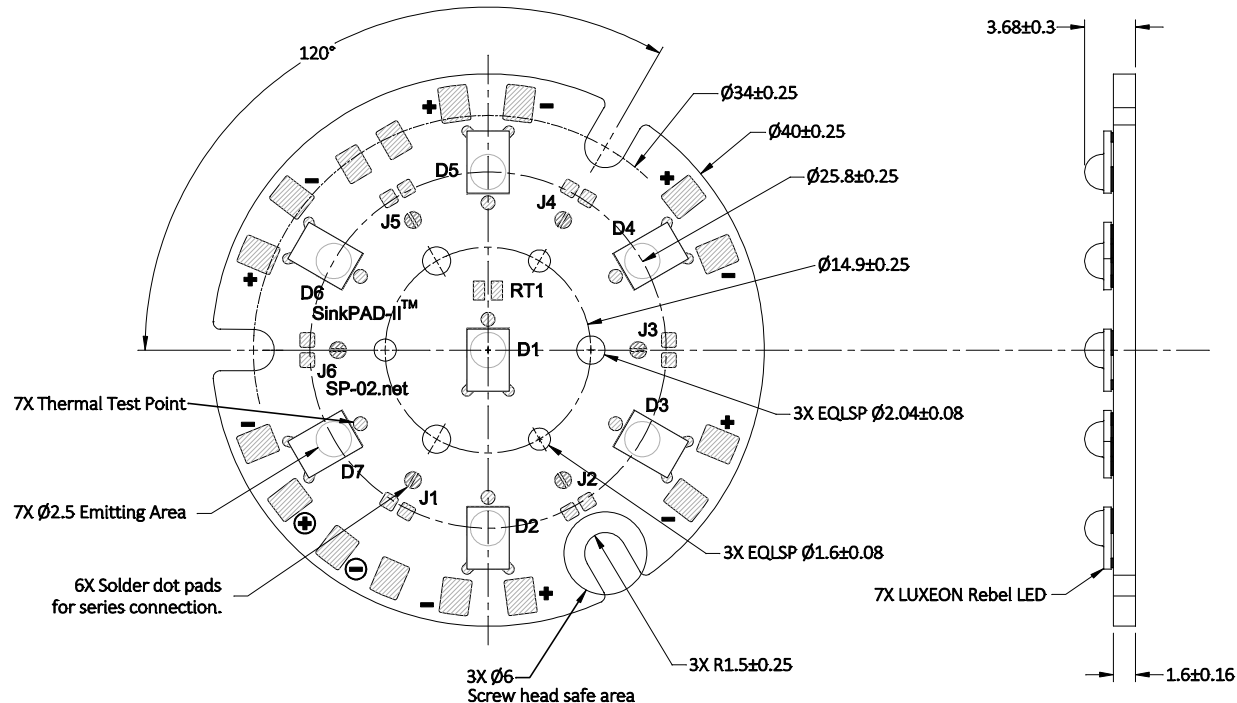
D

A

B

C

D



7X Thermal Test Point

7X Ø2.5 Emitting Area

6X Solder dot pads for series connection.

3X Ø6 Screw head safe area

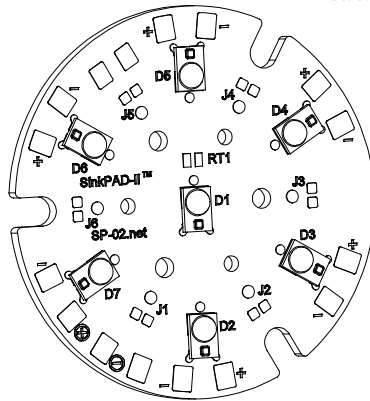
7X LUXEON Rebel LED

Notes:
 Base is SinkPAD-II aluminium MCPCB with white solder mask and black markings.

Assembly must be mounted to a suitable heat sink with a thermally conductive interface material such as our pre-cut thermal adhesive tape. (Part LXT-SR02-3)

See the technical documentation for instructions for determining LED junction temperature using the Thermal Test Point.

Default light operation is parallel. To convert to series operation, short 6 solder dots with solder.



QTY	DESCRIPTION
1	SP-02 SinkPAD-II MCPCB
7	Lumileds Rebel LED

SCALE	2:1	NAME	RW	DATE	May 15/14
UNITS	MM	DRAWN	RW	DATE	May 15/14
TOLERANCE	As noted	CHECKED	WW	DATE	May 28/14
SOLDER	Kester EM828	RELEASED		DATE	Aug 1/14
REFLOW PROFILE	Standard				
QTY PER PANEL	15	COMMENTS:			
DEPANELIZED	Yes				
	Above values unless otherwise noted				
	DO NOT SCALE DRAWING				

Quadica Developments Inc.

PROJECT **SP-02 SinkPAD-II Rebel 40mm 7 LED Round Assembly**

Luxeon Star LEDs

DWG: SP-02-Assembly.dwg PART: SP-02-XX REV: A

PROJECT ID: SHEET 1 OF 1

1

2

3

4

5

6

A4